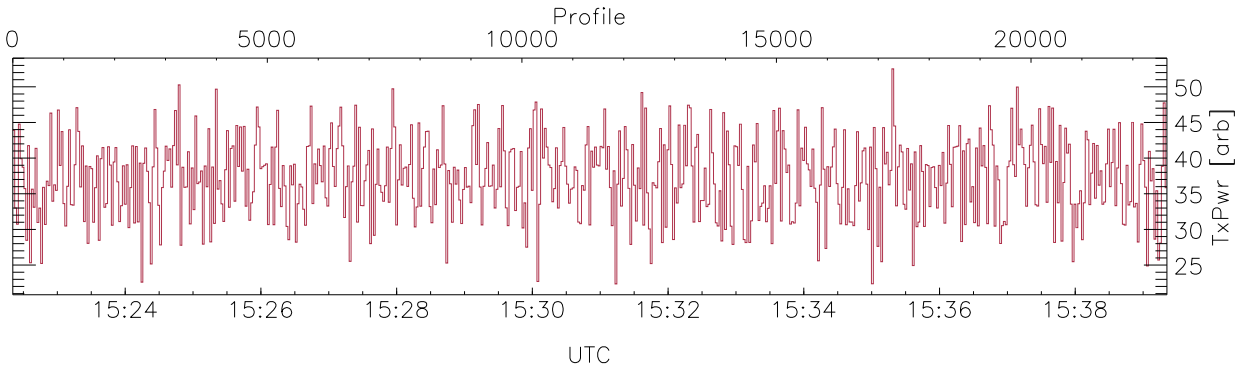
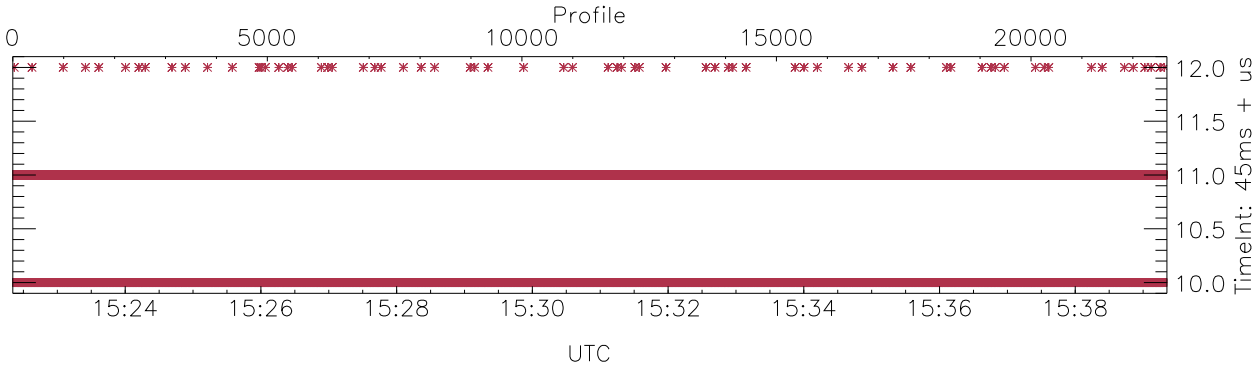
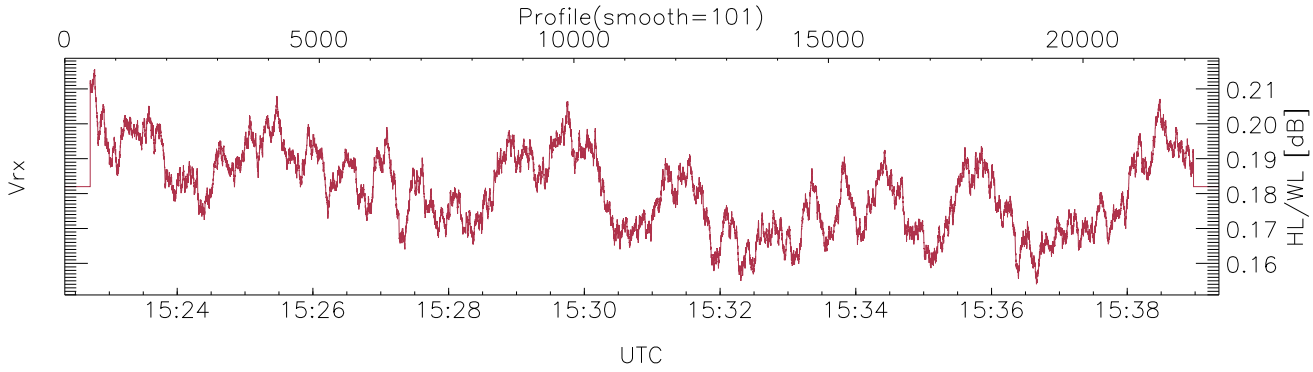
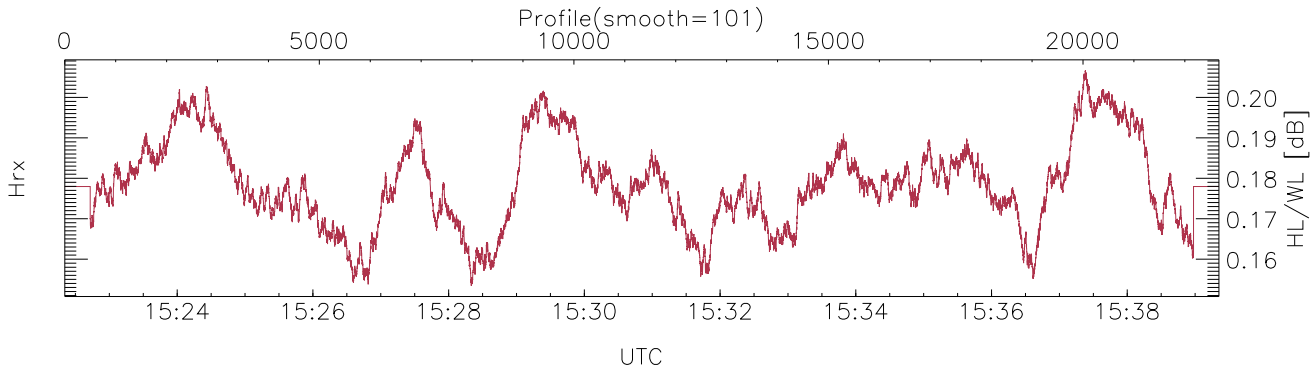


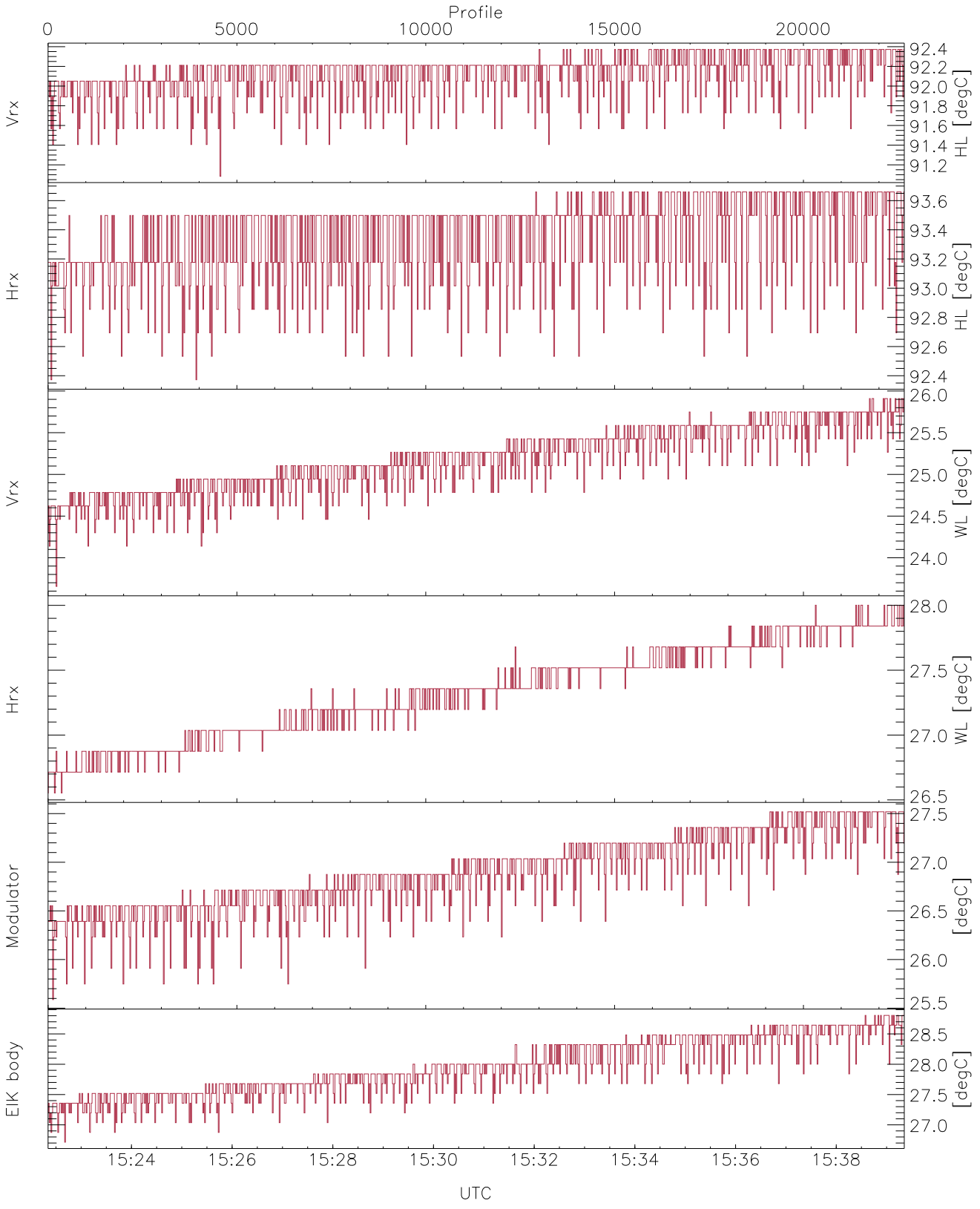






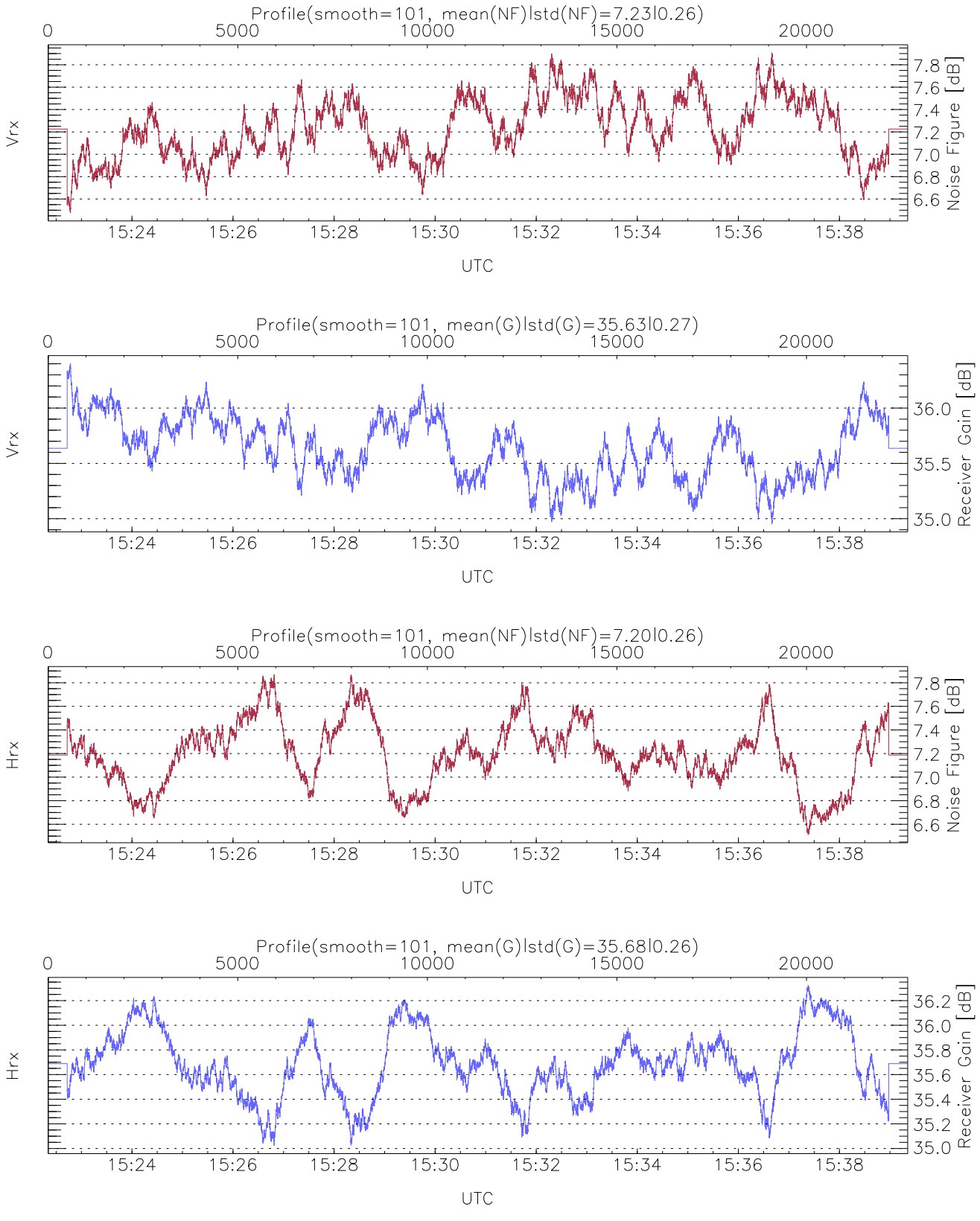
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 15:22:21-15:39:21, TimeCor: 0.00s, Dur: 1020.45s
TimeFlg: 1, TFPstatus constant.
TimeInt/PPS(min,max,mn,std): 45.0,45.0,45.0,0.0 ms / 22.2,22.2,22.2
NumRec(r/t): 22672/22672, 0-22671/15:22:21-15:39:21
AcqTime: 45.0ms, Rate: 0.490MB/s, Averages (req.,actual): 100,100
Pulse: 250ns, IFF: 4.0MHz, Tx: H1 H1 H1 V2 V2 V2 H2 H2 H2
PRF: 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 KHz, IGS: 50us
Range(min,max,rgs): 105, 6288, 15.0 m, Gates: 413, Aspect: 3.7
Mirror(-9|0|1|2,3,9x = no mirror|sideluplerror): 1



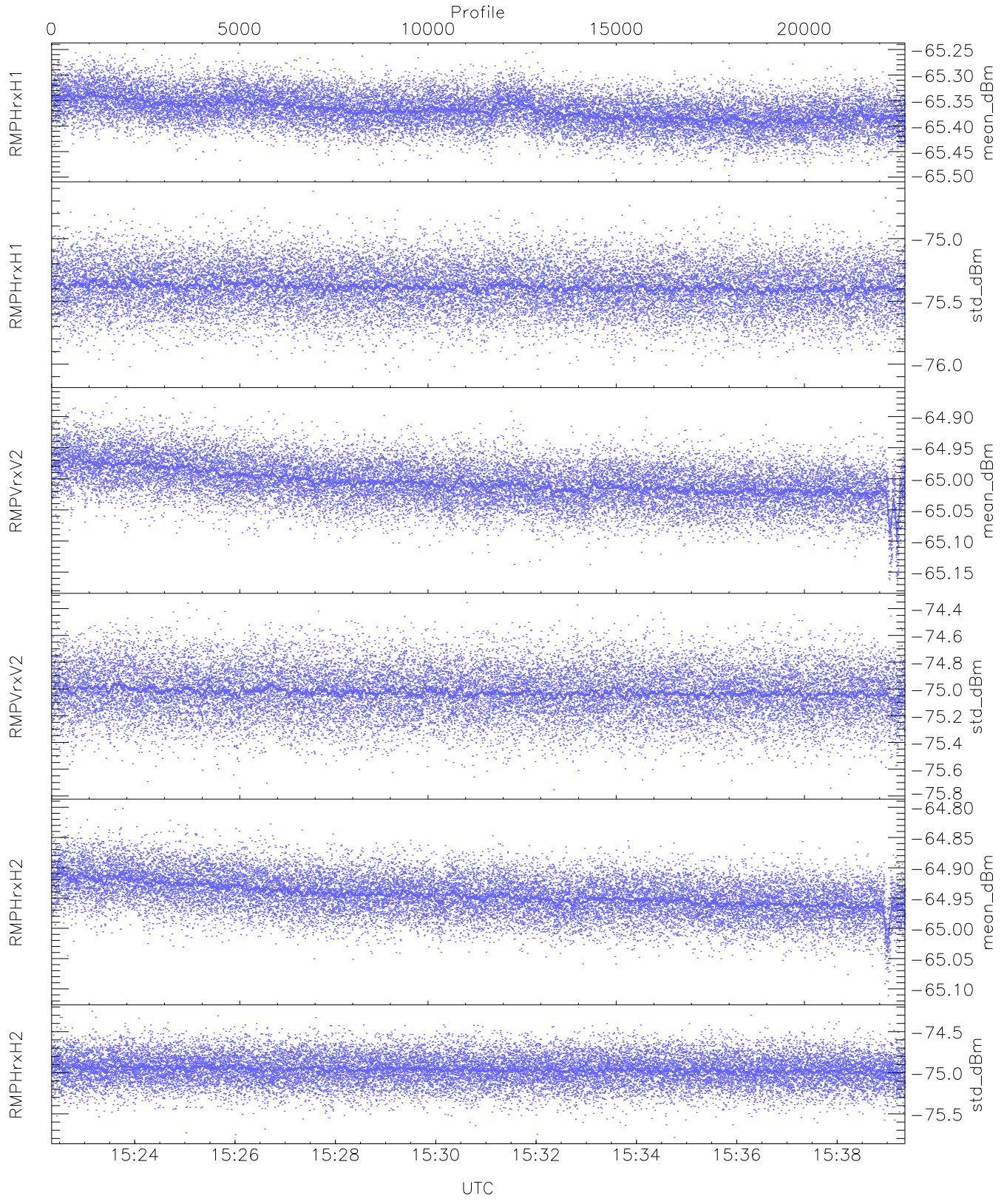
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,23,26,25,26
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,25,28,27,28
LOalarm(20,240,2817,14861 MHz): None
EIK/Modulator Faults: None



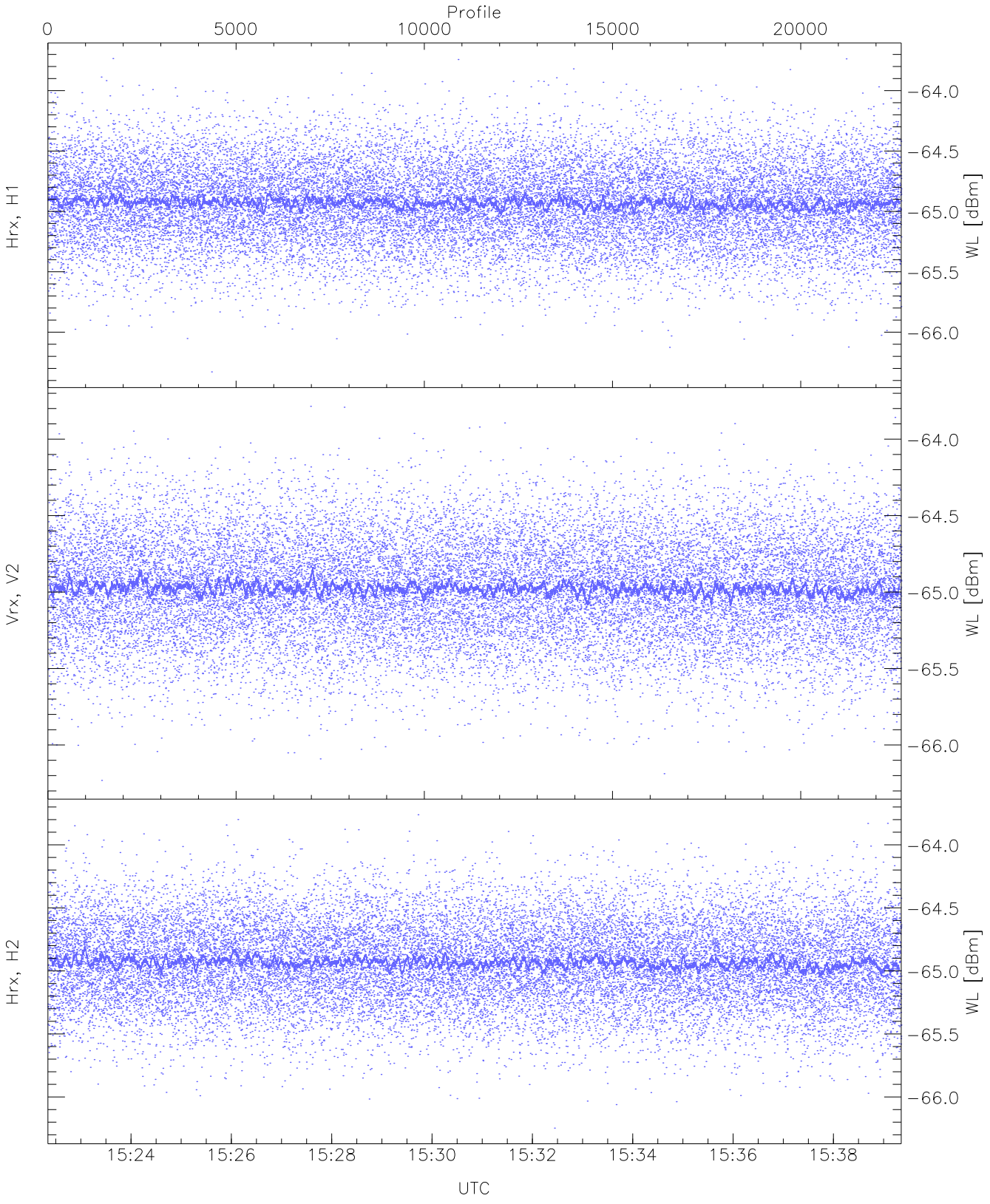
WCR3 CPP Receivers Gain and Noise Figure

Rx Saturation: 0 pixs, 0 gates, 0 profs, 0 prod(s)



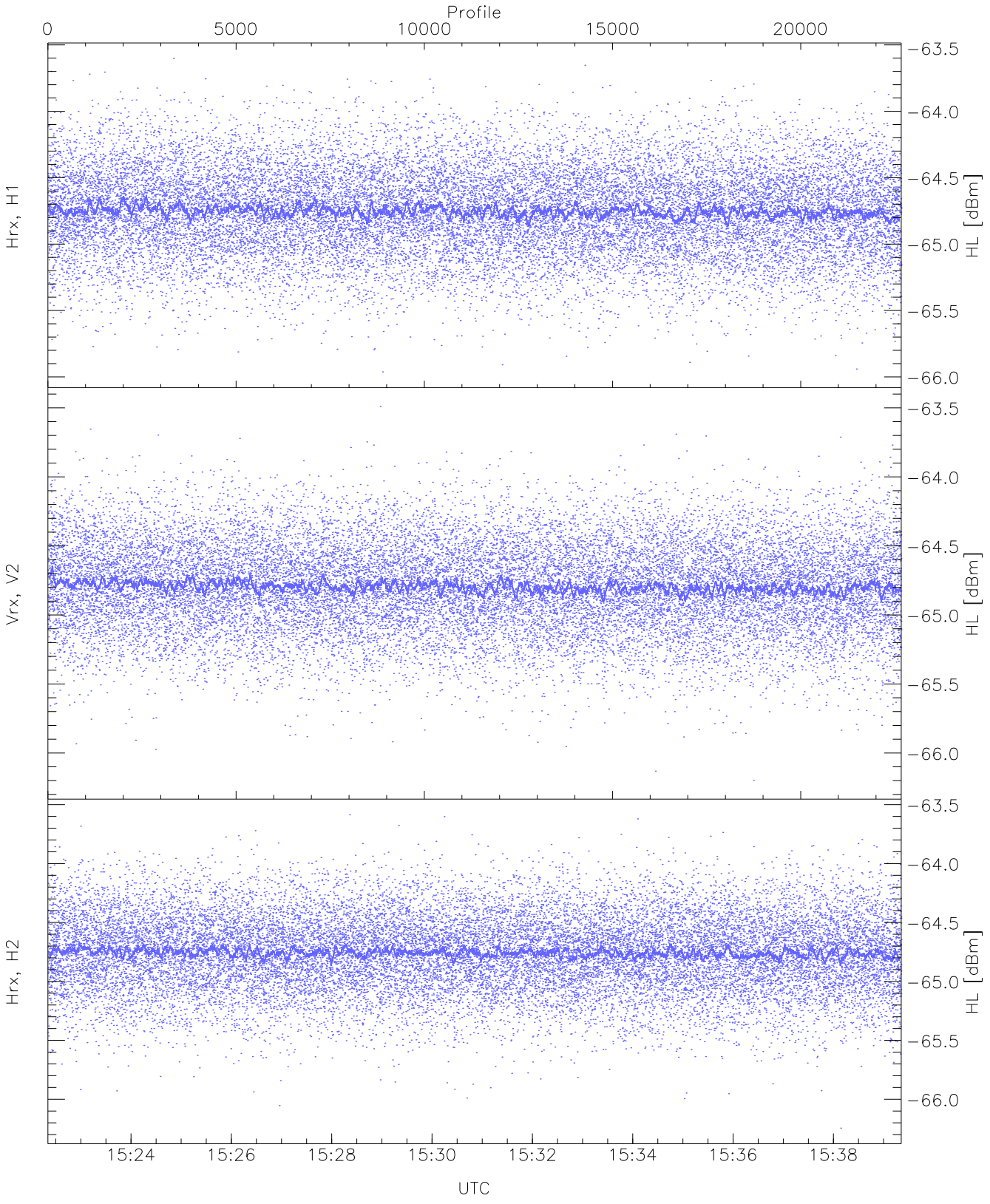
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.50	-65.25	-65.37	-65.37	-86.48
RMPHrxH1(std_dBm)	-76.11	-74.62	-75.38	-75.39	-89.18
RMPVrxV2(mean_dBm)	-65.17	-64.87	-65.01	-65.01	-85.93
RMPVrxV2(std_dBm)	-75.75	-74.36	-75.02	-75.03	-88.82
RMPHrxH2(mean_dBm)	-65.11	-64.80	-64.95	-64.95	-86.03
RMPHrxH2(std_dBm)	-75.79	-74.25	-74.96	-74.96	-88.73



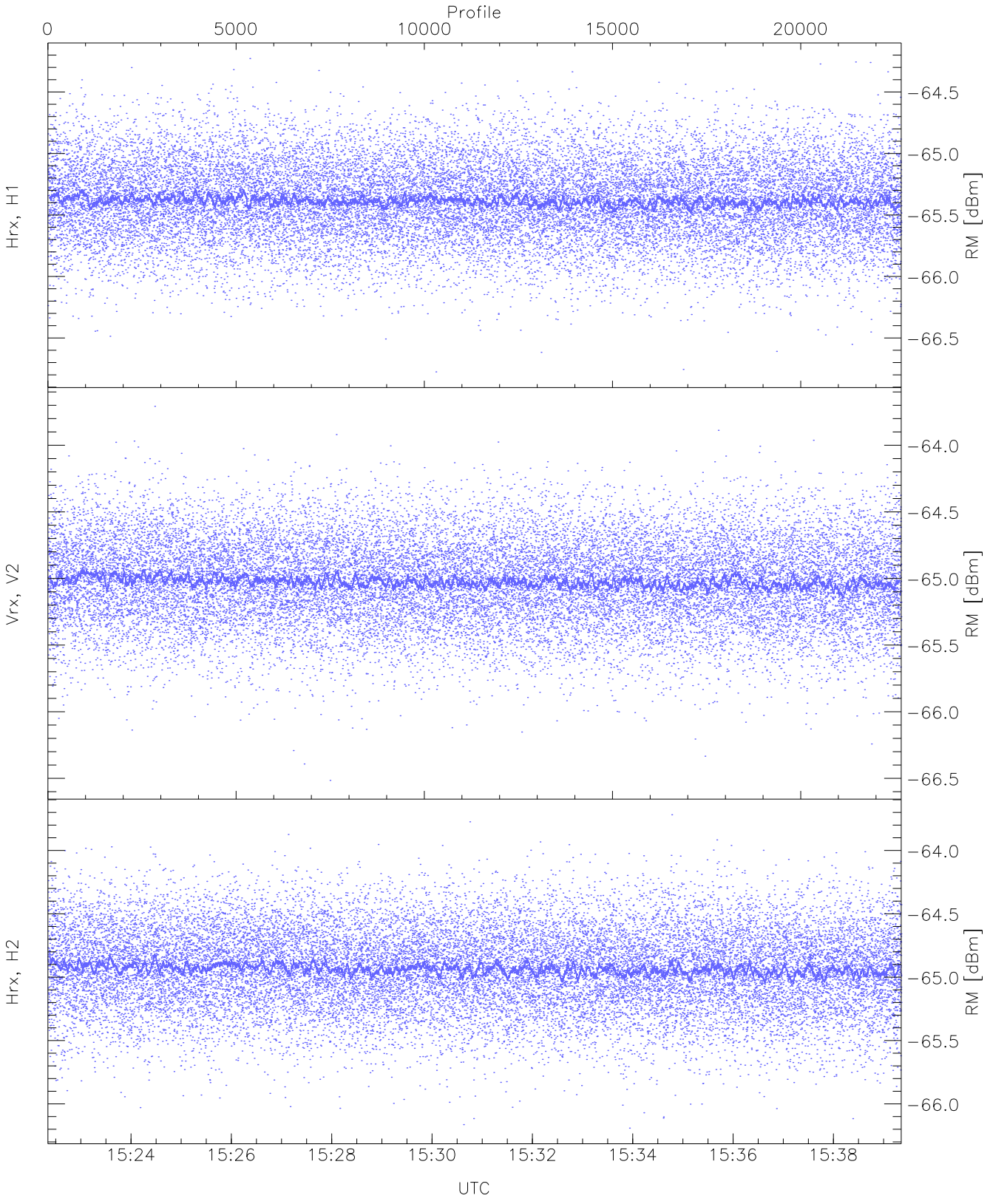
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.33	-63.73	-64.92	-64.93	-76.38
Vrx, V2(WL [dBm])	-66.23	-63.79	-64.97	-64.98	-76.47
Hrx, H2(WL [dBm])	-66.25	-63.76	-64.93	-64.94	-76.41



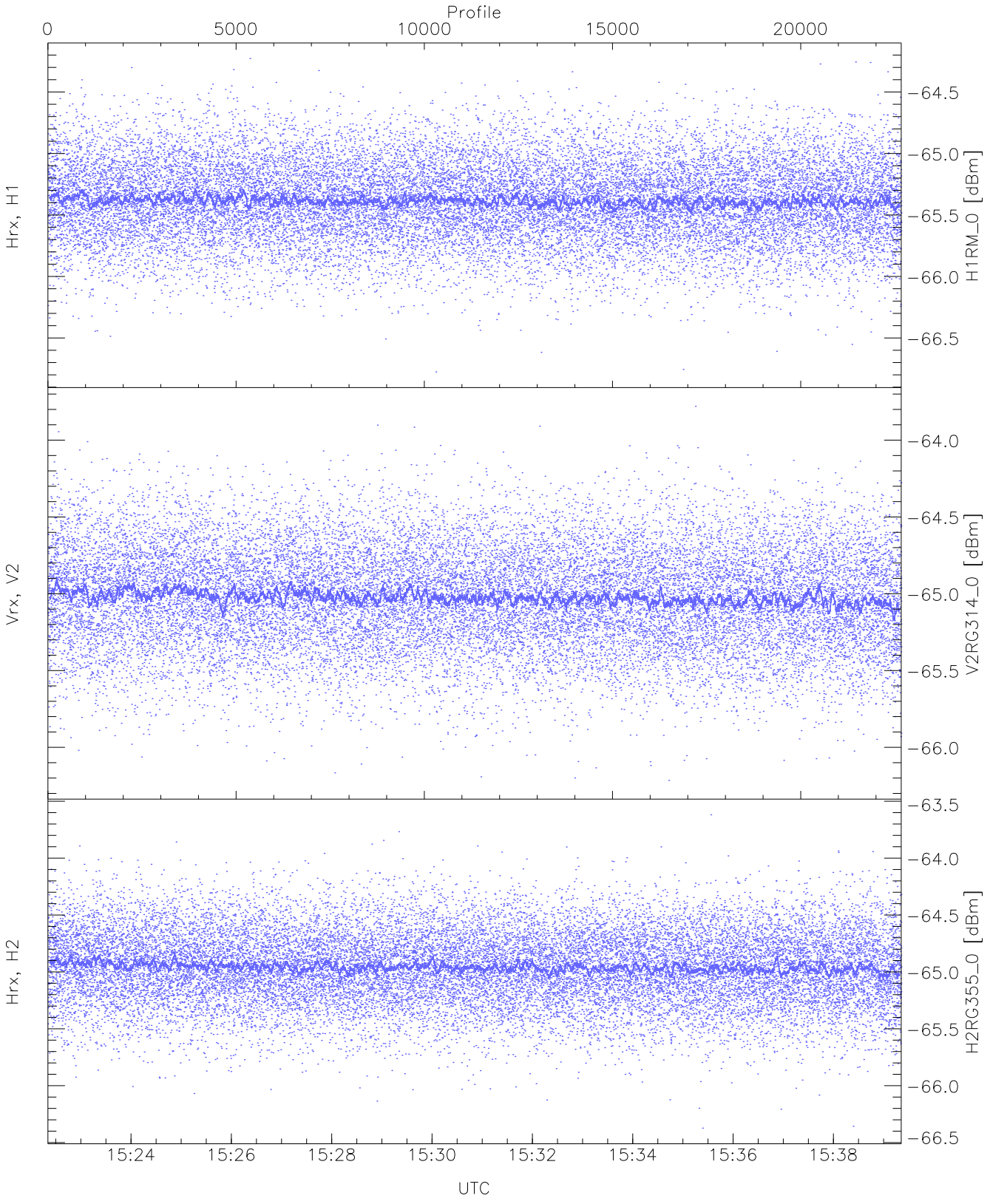
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-65.96	-63.60	-64.75	-64.75	-76.21
Vrx, V2(HL [dBm])	-66.20	-63.49	-64.79	-64.80	-76.30
Hrx, H2(HL [dBm])	-66.24	-63.59	-64.75	-64.75	-76.22



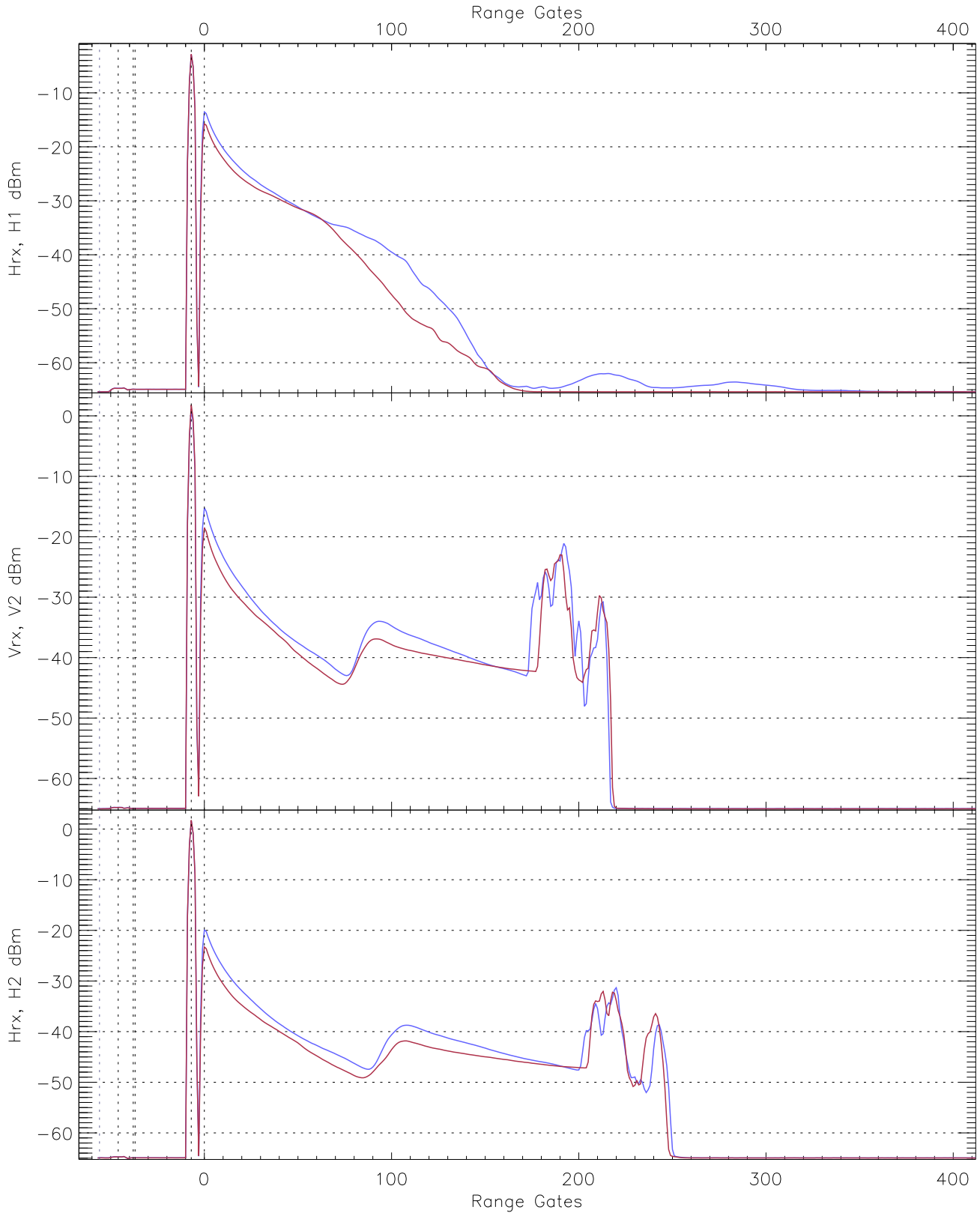
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.78	-64.23	-65.38	-65.39	-76.89
Vrx, V2(RM [dBm])	-66.52	-63.71	-65.02	-65.02	-76.53
Hrx, H2(RM [dBm])	-66.19	-63.72	-64.93	-64.93	-76.42

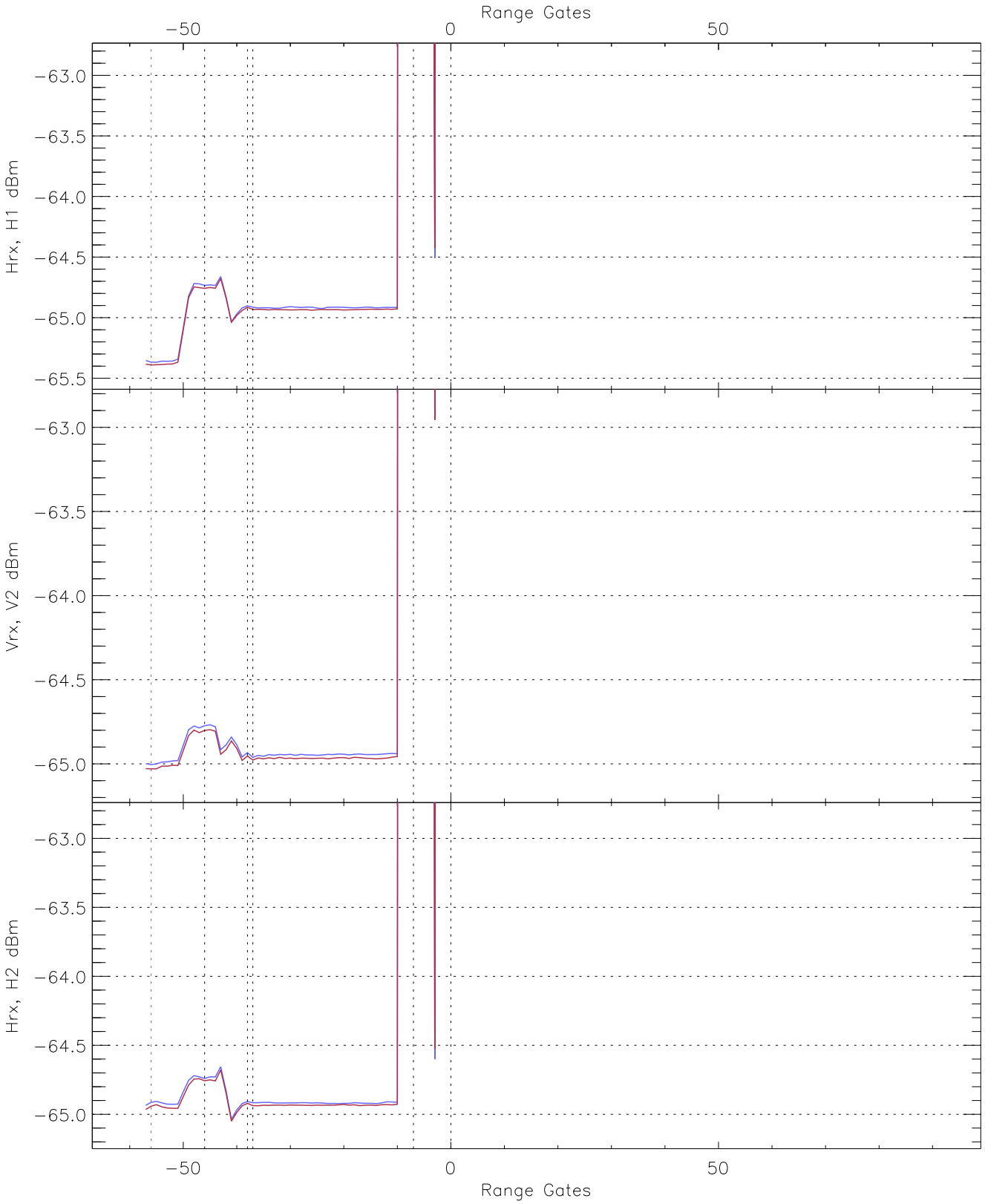


WCR3 CPP "Best" estimate Receivers Noise Power

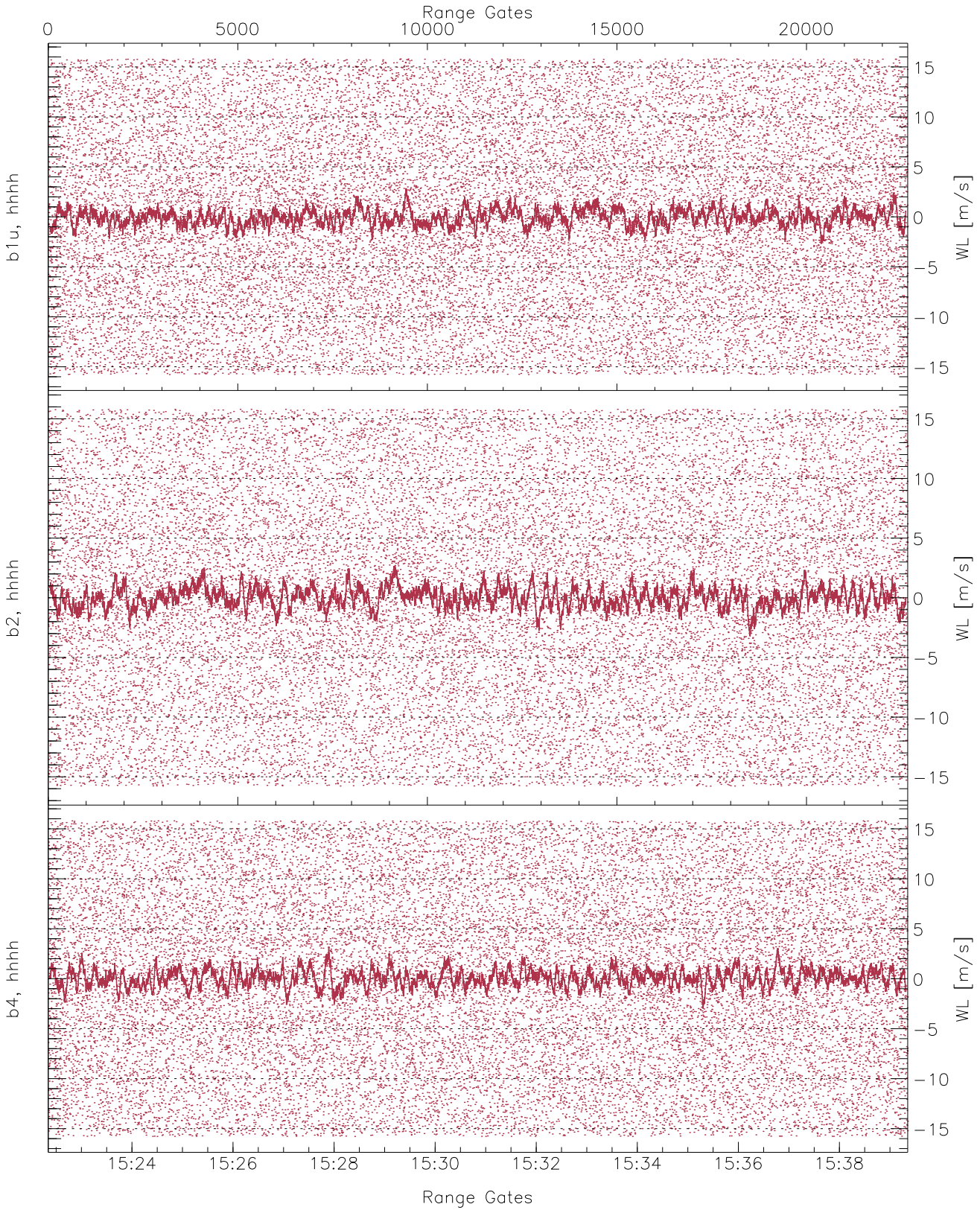
	Min	Max	Mean	Median	StDev
H1RM_0 [dBm]	-66.78	-64.23	-65.38	-65.39	-76.89
V2RG314_0 [dBm]	-66.22	-63.78	-65.02	-65.02	-76.52
H2RG355_0 [dBm]	-66.37	-63.62	-64.95	-64.96	-76.44



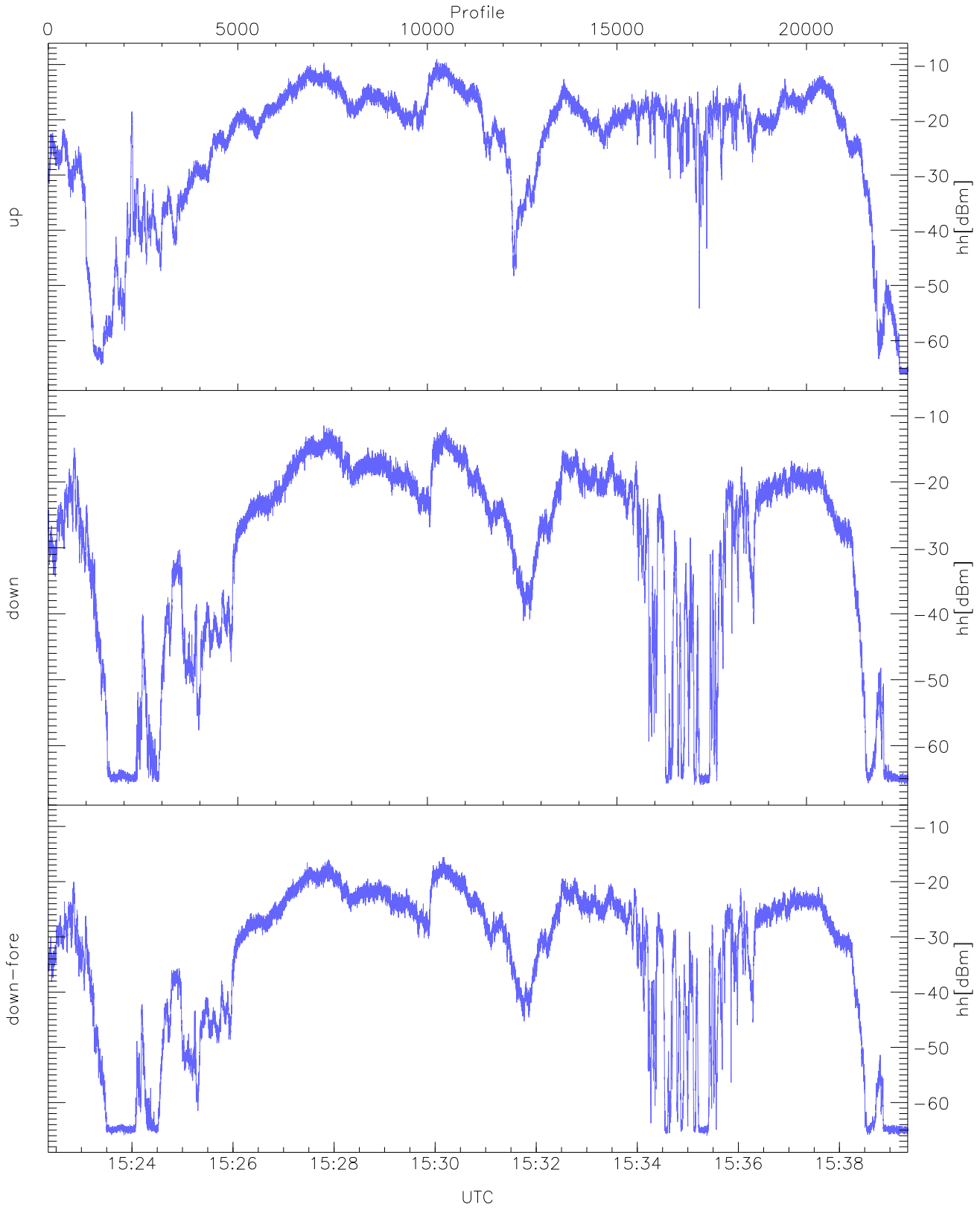
WCR3 CPP Averaged Received power for all recorded gates
blue: 152221-153051, 11337 profiles averaged
red: 153051-153921, 11336 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 152221-153051, 11337 profiles averaged
red: 153051-153921, 11336 profiles averaged

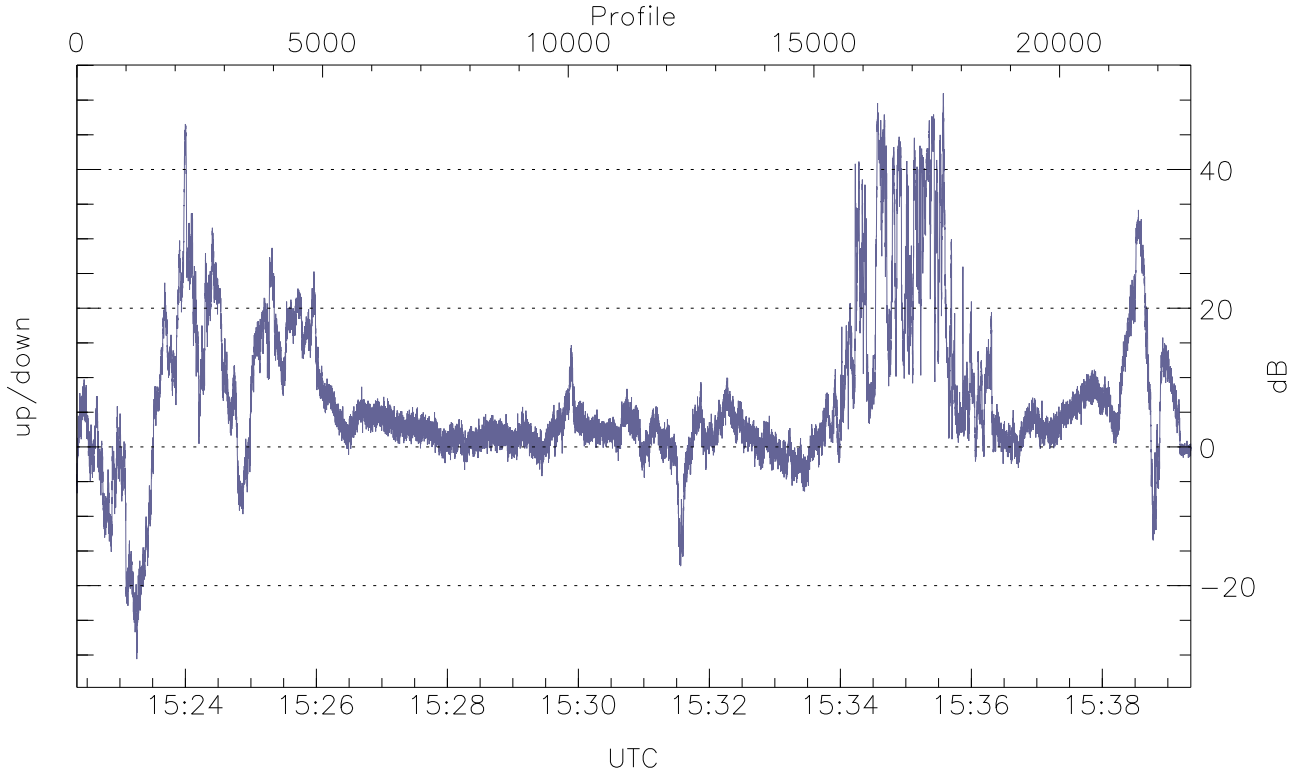


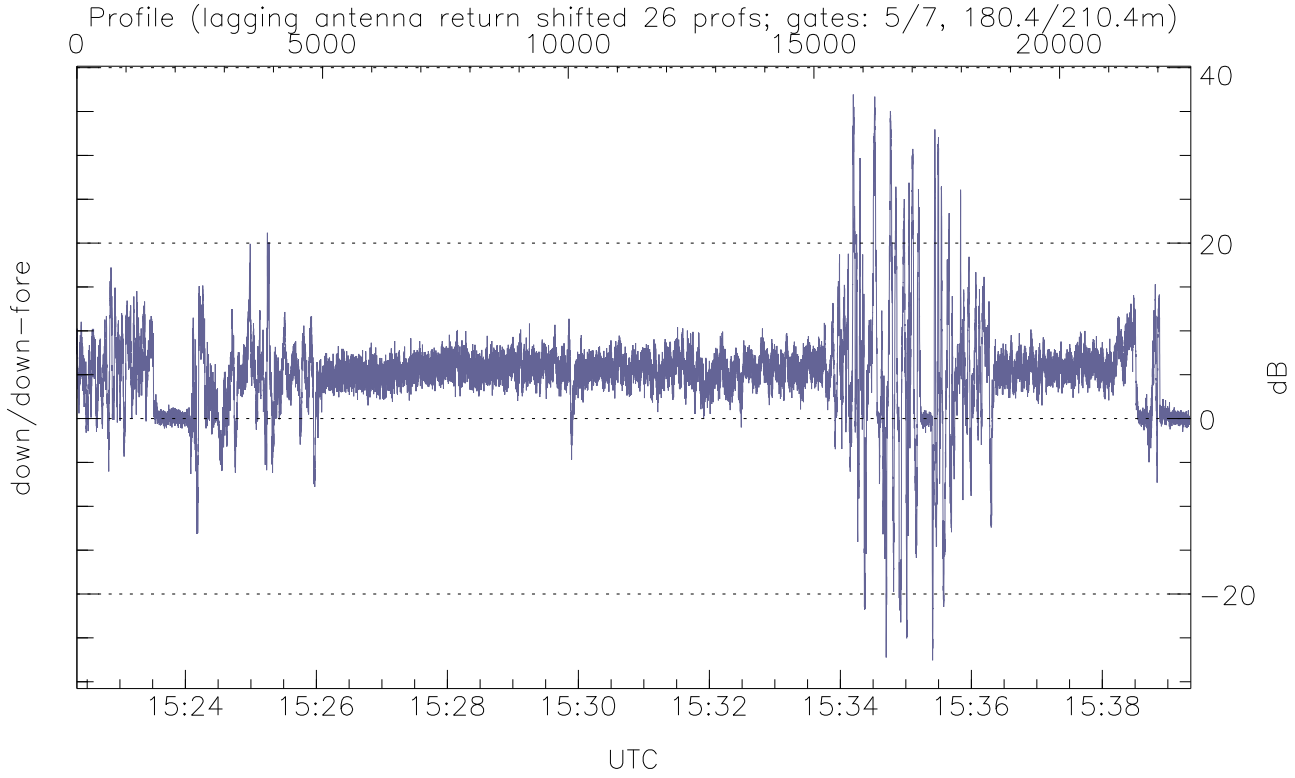
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

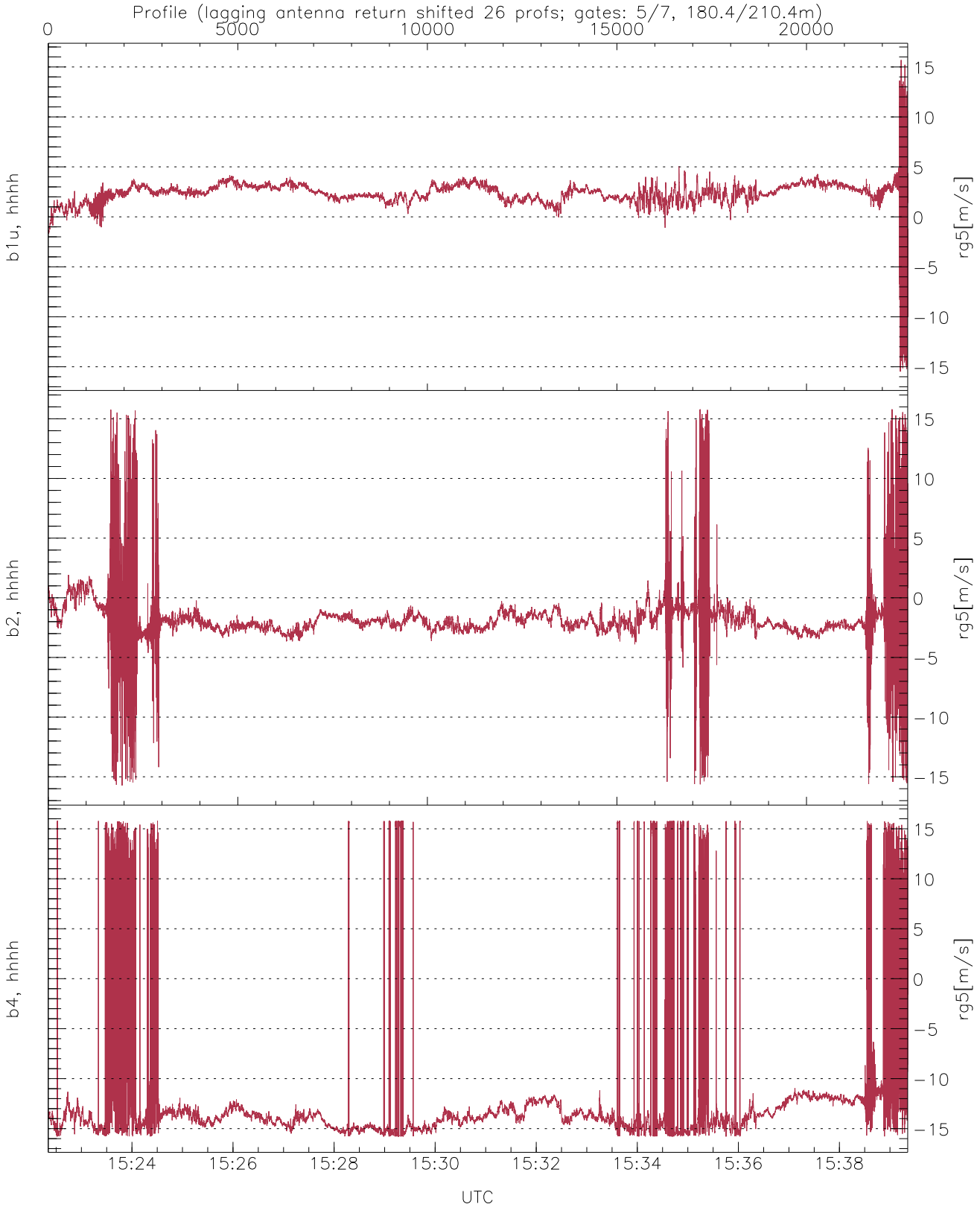
	Min	Max	Mean
up(hh[dBm])	-66.15	-9.00	-18.25
down(hh[dBm])	-65.96	-11.47	-21.14
down-fore(hh[dBm])	-65.99	-15.57	-25.35





WCR3 Beam pairs Received Power Ratio(s); RangeGate: 5 (180 m)

	Min	Max	Mean
up/down(dB)	-30.59	50.98	6.61
down/down-fore(dB)	-27.55	36.94	4.99



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.48	15.70	2.34	1.20
b2, hhhh(rg5[m/s])	-15.73	15.79	-1.78	2.20
b4, hhhh(rg5[m/s])	-15.79	15.79	-12.03	6.24